

Bureau of Land Management, Interior

§ 3485.1

conservation of recoverable coal reserves and other resources, to mine coal up to the Federal lease or license boundary line; provided that, the mining is in compliance with existing State and Federal mining, environmental and reclamation laws and rules, the mining does not conflict with existing surface rights, and the mining is carried out without undue hardship to the operator/lessee and with due consideration for safety.

(e) *Performance standards for auger mines.* (1) If auger mining is proposed, the authorized officer shall take into account the percentage of recovery, which in general shall exceed 30 percent, and the probable effect on recovering the remaining adjacent recoverable coal reserves by underground mining. If underground mining from the highwall or outcrop is contemplated in the foreseeable future, auger mining may not be approved if underground mining would ensure greater recovery of the unmined recoverable coal reserves. Where auger mining is authorized, the authorized officer will require a sufficient number and size of pillars at regular intervals along the highwall or outcrop to ensure access to the unmined recoverable coal reserves.

(2) A plan for recovery of recoverable coal reserves by auger methods shall be designed to achieve MER.

(3) Auger mining must comply with the rules of this part, and 30 CFR Chapter VII or applicable requirements of an approved State program.

[47 FR 33179, July 30, 1982; 47 FR 53366, Nov. 26, 1982. Redesignated at 48 FR 41589, Sept. 16, 1983]

§ 3484.2 Completion of operations and permanent abandonment.

(a) Before permanent abandonment of exploration operations, all openings and excavations shall be closed, backfilled, or otherwise permanently dealt with in accordance with sound engineering practices and according to the approved exploration plan. Drill holes, trenches, and other excavations for exploration shall be abandoned in such a manner as to protect the surface and not endanger any present or future underground operation, or any deposit of coal, oil, gas, mineral resources, or ground water. Areas disturbed by ex-

ploration operations will be graded, drained, and revegetated.

(b) Upon permanent abandonment of mining operations, the authorized officer will require that the unmined recoverable coal reserves and other resources be adequately protected. Upon completion of abandonment, the authorized officer will inform the responsible office of the surface managing agency and regulatory authority as to whether the abandonment has been completed in compliance with the rules of this part.

Subpart 3485—Reports, Royalties and Records

§ 3485.1 Reports.

(a) *Exploration reports.* The operator/lessee shall file with the authorized officer the information required in paragraph (b) of this section. Such filing shall be within 30 days after the end of each calendar year and promptly upon completion or suspension of exploration operations, unless otherwise provided in the exploration license or Federal lease, and at such other times as the authorized officer may request.

(b) *Exploration report content.* The exploration report shall contain the following information:

(1) Location(s) and serial number(s) of the federally leased or licensed lands.

(2) Nature of exploration operations.

(3) Number of holes drilled and/or other work performed during the year or report period.

(4) Total footage drilled during the year or other period as determined by the authorized officer.

(5) Map showing all holes drilled, other excavations, and the coal outcrop lines.

(6) Analyses of coal and other pertinent tests obtained from exploration operations during the year.

(7) Copies of all in-hole mechanical or geophysical stratigraphic surveys or logs, such as electric logs, gamma ray-neutron logs, sonic logs, or any other logs. The records shall include a log of all strata penetrated and conditions encountered such as water, quicksand, gas, or any unusual conditions.

(8) Status of reclamation of the disturbed areas.